

AMERICAN NURSERYMAN

CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Vol. XXXVII

JUNE, 1923

No. 6

Painesville Nurseries

GOOD MORNING—

HAVE YOU SEEN ANYTHING OF
OUR TRADEMARK?

It has been right here in this place about two years—but never mind, what we really want to say is this: During and ever since the war, we haven't had much to say about ourselves as a general wholesale supply house,—so didn't say it.

Our production was seriously handicapped; and we knew our old line patrons would inquire anyhow, without advertising.

It was mighty embarrassing to meet you at conventions and have to shake our heads when you spoke in big figures. For it is no secret we have not been able to keep up in propagation, and have been far short of former years in supply of many lines.

It is a great pleasure to inform you that we have just about caught up with pre-war production, and are now

BACK ON THE JOB!

We are not going to dodge any big buyers at this year's convention, and in fact DARE you to give us your want lists. As formerly, we aim from now on to be

**Headquarters for
General Nursery Supply-All Lines.**

Cordially and Sincerely Yours,

THE STORRS & HARRISON CO.

Established 1854 NURSERYMEN FLORISTS SEEDSMEN 45 Greenhouses
PAINESVILLE, OHIO. 1200 Acres

39 STATE ST.



ROCHESTER, N. Y.

American Fruits Publishing Co.

**For Season Of 1923
ROSES and PEACHES
Are
OUR LEADERS**

A Complete Variety List
of
**FRUIT TREES, ORNAMENT-
AL TREES, SHRUBS, PEREN-
NIALS, EVERGREENS.**

W. & T. SMITH COMPANY

Lowest Prices Consistent With Quality

THE GENEVA NURSERY

1000 Acres GENEVA, N. Y. 74 Years

**A General Variety
OF
Nursery Stock**

**35,000 Norway Maple and American Elm,
also
Montmorency and Early Richmond
Cherry
1 year in ear lots or less.**

C. M. HOBBS & SONS
BRIDGEPORT, IND.

HILL'S EVERGREENS

For Lining Out

Also complete assortment of decidu-
ous trees and shrubs in seedlings,
cuttings and once transplanted sizes
for Fall 1923 and Spring 1924 ship-
ment. Cover your requirements
early.

Let us quote you on SPECIMEN
EVERGREENS, BOXWOODS and
ROSES. Complete assortment of
choice varieties at reasonable rates.

Your patronage is always appreciated

SEND FOR WHOLESALE TRADE LIST.

The D. Hill Nursery Co.,
INCORPORATED

Box 402, Dundee, Ill.

Evergreen Specialists. :: :: Largest Growers in America.

**Princeton Products
Are
Ornamental**

Trees, Shrubs and Evergreens of high
grade for the wholesale trade

Princeton Nurseries
Princeton in New Jersey

June first

1923

THE MONROE NURSERY
ESTABLISHED 1847

Offers a fine stock of *Specimen
Evergreens, Fruit and Orna-
mental Trees and Shrubs*

Will be pleased to quote on your list of wants.

I. E. ILGENFRITZ SONS' CO.
MONROE - - - - MICHIGAN

MANUFACTURERS OF
I. E. ILGENFRITZ SONS' Co.'s Celebrated Fruit and Stock Planting and Flower

THIS PAGE PRESENTS
American Nurseryman Directory of American Plant Propagators

**Listing Nursery Concerns Which Specialize in Production of Young Stock,
Including That Which Has Heretofore Been Imported**

The American Plant Propagators' Association, Organized in 1918, Will Hold Its Fifth Annual Meeting in Chicago, Ill., June, 1923. F. W. von Oven, Naperville, Ill., Secretary

TWO-INCH BLOCKS ONLY ARE SOLD IN THIS DIRECTORY. EACH BLOCK \$5.00 PER MONTH UNDER YEARLY CONTRACT, INCLUDING PUBLICATION ALSO IN THE "AMERICAN NURSERY TRADE BULLETIN"

HILL'S EVERGREENS
FOR LINING OUT

Complete assortment of Evergreens including Firs, Junipers, Spruces, Pines, Yews, Arbor Vitae, Cedrus, Taxus, Rhothas, etc. Also deciduous ornamental trees and shrubs in wide variety. Your patronage is appreciated.

Write for Wholesale Trade List
The D. HILL NURSERY Co., Inc.
 Evergreen Specialists
 Largest Growers in America
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ROSES—Rosa Hugonis
SHRUBS—
 BOX BARBERRY
 VIBURNUM PLICATUM
 SPIREA—ANTHONY WATERER
 WEIGELA—EVA RATHKE
 Write for Quotations

The Conard & Jones Co
 Robert Pyle, Pres. West Grove, Pa.

GRAPE VINES

My stock of grape vines this year will consist of both one and two year. The two year will all be from one year transplanted. The one year from cuttings planted this spring, 1922. Varieties principally Moore's Early and Concord. My one year vines will be graded strong as follows:

1-year XX—Equal to 2-year-1
 1-year-No.-1 1-year-No.-2
 1-year-No.-3

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FAIRFIELD NURSERIES, SALISBURY, MARYLAND.
 CHARLES M. PETERS, Proprietor.

EVERGREENS

**SEEDLINGS and TRANSPLANTS
 FOR LINING OUT**

WRITE FOR OUR PRICE LIST

THE NORTH-EASTERN FORESTRY CO.

"WE GROW OUR OWN TREES."

CHESHIRE, - - - CONN.

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	Per 100	Per 1000
American Arbor Vitae 8-15"	\$ 3.00	\$ 15.00
Juniperus canadensis 10-15"	15.00	125.00
American Hemlock 6-10"	4.00	20.00
Red Spruce, 6-10"	4.00	20.00
Balsam Fir 6-10"	3.00	10.00
Ostrich Ferns, No. 1	5.00	25.00
Maidenhair Ferns, No. 1	3.00	20.00
Royal Ferns, No. 1	8.00	60.00
Potentilla fruticosa 10-15"	5.00	30.00

And a great many other items.

GEORGE D. AIKEN, Putney, Vt.
 GROWN IN VERMONT, It's HARDY"

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SHRUBS PERENNIALS, Etc.
LINING OUT STOCK

NAPERVILLE, ILL.

TELEPHONE, NAPERVILLE No. 1.

THIS SPACE

\$5.00 Per Month

**In Two Nursery Trade
 Monthly Journals**

Under Yearly Term

FOREST TREE SEEDLINGS and SHRUBS

We are growing and offer for sale for the spring 1923 forest tree seedlings and shrubs, and lining out stock, such as Betula Nigra, Catalpa Speciosa, Cornus Florida, Elm, Poplar, Locust, Walnut.

SHRUBS

Altheas in varieties, Barberry Thunbergii seedlings, Calycanthus, Deutzias, Loniceras, California Privet, Amoor River North Privet, Amoor River South Privet, Spirea Van Houtii. Write for quotations.

FOREST NURSERY CO. BOYD BROS. McMinnville, Tenn.

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Seedlings—Transplants—Cuttings
 grown under glass

MILLIONS OF THEM

Also a list of Apple, Shade Trees, Hedgeplants, Shrubs, Vines, and Peony
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 CONTRACT FOREST PLANTING**

Send for our catalogue

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 SPRING 1923**

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Complete collection of Broad-leaved Evergreens.

Complete collection of Choicest Evergreens, such as Rhododendrons, Azaleas, Hollies, etc.

Boxwood, Bay Trees, Euonymous, etc.

Hardy Herbaceous Plants.

Hybrid Tea Roses, Bush and Tree Form.
 Careful Inspection Invited.

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IT IS NONE TOO SOON

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Have especially nice stocks of Nuts, Oaks, Oriental Plane; Climbing Roses, Wistaria, Weigelia; Grape Vines, etc., etc
 Wholesale Only.

Atlantic Nursery Co., Inc.
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Millions of Evergreens and Deciduous Trees
 Complete in grades and sizes

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Firs, Junipers, Arborvitae, Pines, Spruces, Maples, Ash, Oaks, Lindens, Elms, Etc.

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**JUNIPERS, RETINOSPORAS
 and THUYAS**

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Price List forwarded on request.

Best Tree Digger on Earth



Write for Descriptive Circular and Prices

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Topeka, Kansas

We Offer for Fall 1923

Apple Trees
Peach "
Plum "
Apricot "
Cherry "

Apple Seedlings
Japan Pear Seedlings

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Badge 111

W. T. HOOD & CO.

Old Dominion Nurseries
RICHMOND, VIRGINIA

We offer
Apple, Standard Pear, Peach, Plum, Concord
Grape one and two year; California Privet
(one year), Amoor River South one
and two year, Extra fine; Magnolia
Grandiflora (all sizes).
Roses (budded).

Send Us Your Want List for Quotation

The Source of **RELIABLE** Nursery News

Is the Nursery Trade Journal

EXCLUSIVELY FOR NURSERYMEN

Those who are content
with a side issue
Get side issue results

The only publication in America devoted to the Nur-
sery Trade as a Main Issue is the
AMERICAN NURSERYMAN

Completely Covering The Nursery Trade

A Real Trade Journal Read From Coast
To Coast and Highly Indorsed by
Leaders Everywhere Is

The American Nurseryman
Rochester, N. Y.

BUSINESS announcements in this Chief
Exponent of the American Nursery
Trade reach every nurseryman culti-
vating ten acres or more in every State
in the Union. The only publication of the kind.
Loyal to the best interests of the trade and lead-
er in movements which have characterized trade
progress for a quarter of a century! Absolutely
independent.

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AN EDITORIAL POLICY OF NOTE
ADVERTISEMENTS FACE READING
ALL ADVERTISEMENTS CLASSIFIED
A TRADE JOURNAL THAT IS READ
SPECIAL FEATURES IN EVERY ISSUE

Advertising: \$2.50 Inch. Subscription: \$2.00 Per Year.
AMERICAN FRUITS PUBLISHING CO.,
Box 124, Rochester, N. Y.

AMERICAN NURSERYMAN ---- JUNE, 1923

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

Advertising—Advertising forms close on the 25th of each month. If proofs are wanted, copy should be on hand one week earlier. Advertising rate is \$2.50 per column-width inch.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the earl operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN" will be sent to any address in the United States for \$2.00 a year; to Canada or abroad for \$2.50 a year. Add ten cents unless bank draft, postal or express money order is used. Three years \$5.00, in U. S.

RALPH T. OLCOTT
Editor, Manager

AMERICAN FRUITS PUBLISHING COMPANY INC.

30 State Street,
Rochester, N. Y.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only Nursery Trade publication which is not owned by nurserymen.

This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

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The
Preferred
StockThe
Preferred
Stock**J. P. PREFERRED STOCK**Specialties
For FALL 1923 and SPRING 1924

include

HYBRID TEA ROSES
HYBRID RUGOSA ROSE, GROOTENDORST
ROSE, PAUL'S SCARLET CLIMBER
STANDARD or TREE FORM ROSES**CLEMATIS**
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Vines, Perennials, Fruit and Shade Trees.In planning your next season's campaign it will be
to your advantage to figure with us.**JACKSON & PERKINS COMPANY****ROSE GROWERS AND NURSERYMEN**
Wholesale Only**NEWARK****NEW YORK STATE**The
Preferred
StockConvention Representatives:
OUR WHOLE FAMILYStock
Preferred
The**PIES--AND OTHER THINGS**

Bill said he had three different kinds of Pie at the party: "kivered pie, cross-barred pie and open-face pie." But Bill admitted that while they looked different, they tasted the same. They all had apples on the inside. And of course it's the apples that make an apple pie—not the crust.

Now aren't a lot of catalogues like that?—the covers look different, but the insides are the same. All catalogues tell about Elberta and Bartlett and Delicious; only one catalogue can tell you about your stock of those things, and that's your catalogue.

And a Nursery Catalogue has just naturally got to be a lot better than any other kind of catalogue. That's because you are all offering about the same things: nothing patented, nothing exclusive. Your catalogue's salesmanship has to be centered on telling folks why they ought to buy from you. So it has to be personal; it has to represent you and your goods and your nursery. That is the sort of catalogue we want to make; to help develop each firm's selling points.

Our Nursery Printing Department is managed by a nurseryman. He doesn't know beans about printing: the shop takes care of that; but he knows a lot about selling nursery stock. He has sold stock to nearly all of you, except possibly a dozen or so. He knows growing and selling, knows varieties, knows your own line and your selling problems.

We have a complete equipment for illustrating and printing catalogues for nurserymen. There are a lot of good printers and yet we think that such equipment as we have for printing, combined with actual experience in the nursery business, is a unique combination and offers service that can be turned to profitable use.

THE DUBOIS PRESS*Horticultural Color Printers*

Rochester, New York

**Hold Your Orders**

At The

CONVENTION

For

Badge 33  **Badge 33****Geo. S. Harris** **Jas. MacKenzie****Chas. S. Burr****CONVENTION REPRESENTATIVES**

Offering

A Larger and Better Line

SEE

Our Ad in the Badge Book**C. R. BURR & CO.****GENERAL NURSERYMEN**
Manchester, Conn.

— DON'T FORGET THE NUMBER —

33

Chief Exponent of the American Nursery Trade

The American Nurseryman

National Journal of Commercial Horticulture

AMERICAN FRUITS PUBLISHING COMPANY, Inc.,
39 State St., ROCHESTER, N. Y.**Subscription Rates:—\$2.00 per yr.; 3 yrs. for \$5.00**
Canada and abroad: 50 cents extra per year**ADVERTISING RATE, \$2.80 PER INCH**

"You are issuing a splendid Journal, covering the news of the trade from coast to coast." Former President M. S. Welch, American Association of Nurserymen.

Edited by Ralph T. Olcott, founder of American Nursery Trade Journalism. "The dean of Nursery Trade Journalists, who, since June, 1893—a quarter of a century—has boosted all the time for the interests of all nurserymen."—Former President John Watson, American Association of Nurserymen.

ONE CAN only act in the light of present knowledge.

Until you know of the existence of such a Nursery Trade Journal as the **AMERICAN NURSERYMAN** you must act with such knowledge as you have.

It is for this reason that we are glad to acquaint you with this publication. It speaks for itself; but if you would have corroborative proof, ask any prominent Nurseryman.

Calls for back numbers come in almost every mail. Many cannot be supplied, as editions have been exhausted. The only safe way is to see that your subscription is paid for in advance.

"A paper which gives the best value for the money to the reader will give the best value to the advertiser as well. I don't think there is any argument about the soundness of this view."—H. Dumont, Chicago, Ill., in *Printer's Ink*.

American Nurseryman

The Chief Exponent of the American Nursery Trade

Entered September 1, 1916, at Rochester, N. Y. Post Office as second-class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES—BYRON

Vol. XXXVII

ROCHESTER N. Y., JUNE, 1923

No. 6

American Association of Nurserymen Convention Program

PROGRAM FORTY-EIGHTH ANNUAL CONVENTION AMERICAN ASSOCIATION OF NURSERYMEN

June 27th, 28th, and 29th, 1923

CONGRESS HOTEL, CHICAGO, ILL.

Wednesday Morning—9 o'clock

- 1 Call to order—President Paul C. Lindley, Pomona, N. C.
- 2 Invocation—Rev. B. E. Chapman, Aurora, Illinois.
- 3 Adoption of Revised Constitution and By-Laws.
- 4 President's Address—Mr. Paul C. Lindley, Pomona, N. C.
- 5 Transportation, Secretary and Traffic Manager's Report—Mr. Chas. Sizemore, Louisiana, Missouri.
- 6 Treasurer's Report—Mr. J. W. Hill, Des Moines, Iowa.
- 7 Appointment of Auditing Committee.
- 8 Report of Program Committee—Albert F. Meehan, Dresher, Pa.
- 9 Report of Committee on Arrangements—Mr. A. M. Augustine, Normal, Ill.
- 10 Report of Finance Committee—Mr. Paul C. Lindley, Pomona, N. C.
- 11 Report of Arbitration Committee—Mr. M. R. Cashman, Owatonna, Minn.
- 12 Report of Committee on Distribution—Mr. W. G. McKay, Madison, Wisc.

Wednesday Afternoon—2 o'clock

- 13 Report of Vigilance Committee—Mr. L. J. Tucker, Madison, Wisc.
- 14 Report on Legislation and Tariff—Mr. J. Edward Moon, Morrisville, Pa.
- 15 Report of Committee on Nursery Training in Agricultural Colleges—Mr. John C. Kerr, Sherman, Texas.
- 16 Report of Committee on Relations with Landscape Architects—Mr. W. R. Campbell, New Haven, Conn.

Thursday Morning—9 o'clock

- 17 Report of Special Committee on Organization—Mr. Earl E. May, Shenandoah, Iowa. Discussion.
- 18 Report of Committee on Nomenclature—Mr. Harlan P. Kelsey, Salem, Mass.
- 19 Standardization of Horticultural Trade Practice—Mr. Harlan P. Kelsey, Salem, Mass. Possibilities of Nursery Tree Certification—J. K. Shaw, Research Professor of Pomology, Massachusetts Agricultural College, Amherst, Mass. Illustrated.
- 20 Trade Ethics—Mr. M. Q. MacDonald, Washington, D. C. Discussion—Mr. E. P. Bernardin, Parsons, Kansas.

Thursday Afternoon—2 o'clock

- 21 Report of Committee on Resolutions—Mr. J. W. Hill, Des Moines, Iowa.
- 22 Report of Special Committee to Assist Dr. S. B. Detwiler, U. S. Dept. of Agriculture in the Compilation and Republication of an Edition of Quarantine Regulations—Dr. S. B. Detwiler, Washington, D. C. Mr. A. H. Hill, Dundee, Ill.
- 23 Report of Advisory Committee to Co-operate with the U. S. Dept. of Agriculture in Developing American Supplies of Raw Material—Mr. Henry B. Chase, Chase, Ala.
- 24 Report of Progress of Raw Material Investigation—Prof. L. B. Scott, Washington, D. C.
- 25 Summer Planting—Mr. Walter W. Hillenmeyer, Lexington, Ky.
- 26 Report of Advisory Committee to Confer with the Federal Horticultural Board Regarding Plant Quarantine—Mr. J. W. Hill, Des Moines, Iowa.
- 27 Interstate Quarantines.
The Nurseryman's Problem—Mr. Henry B. Chase, Chase, Ala.
Solution of the Problem—Dr. C. L. Marlatt, Chr. Federal Horticultural Board, Washington, D. C.
Discussion.

Friday Morning—9 o'clock

- 28 Report of State Vice-President.
- 29 Election of Officers and Next Place of Meeting.
- 30 Publicity.
Plan to Plant Another Tree—Mr. J. A. Young, Secretary of the Tree Lovers Association of America, Aurora, Illinois.
Attainment through Co-operation, Mr. C. A. Tonneson, Portland, Oregon.
Market Development—Mr. F. F. Rockwell, Bridgeton, N. J.
The Press—Mr. J. M. Irvine, Adv. Mgr. "The Country Gentleman," Philadelphia, Pa.
Discussion.
- 31 Unfinished Business.
- 32 New Business.
- 33 Adjournment.

California Association Program

The program for the 13th annual convention of the California Association of Nurserymen at Santa Cruz, June 7-9, includes the following in addition to reports and routine business:

Rose Growing in California, by W. B. Clarke, Horticultural Broker, San Jose. Discussion led by Albert Morris, Los Angeles.
Some Phases of Bud Selection, by F. W. Anderson, Fresno. Nurserymen's Bud Selection Association. Discussion led by Max J. Crow, Gilroy.

Root Stocks, by Dr. W. L. Howard, University of California. Discussion led by M. E. Gregory, Marysville.

Past, Present and Future of the California Seed Industry, by John C. Bodger, Los Angeles. Discussion led by L. D. Waller, Guadalupe.

Possibilities in Bulb Growing under Quarantine 37, by Henry C. Washburn, Farm Advisor, Santa Cruz. Discussion led by Robert O. Lincoln, Santa Cruz.

Functions of the State Nursery Service Bureau, by Fred C. Brosius, Superintendent of Nursery Service, Sacramento.

Vacuum Fumigation and its Possibilities, by D. B. Mackie, State Entomologist, Sacramento. Discussion led by Roy F. Wilcox, Montebello.

Development of Apricot, Peach, Shipping Pear, Plum and Prune Industries, by E. J. Wickson, Professor Emeritus, University of California. Discussion led by J. E. Bergtholdt, Newcastle.

The Mendelian Law and its value as an Applied Principle in Seed Growing, by Dr. Franklin, L. D. Waller Seed Co., Guadalupe. Open for general discussion.

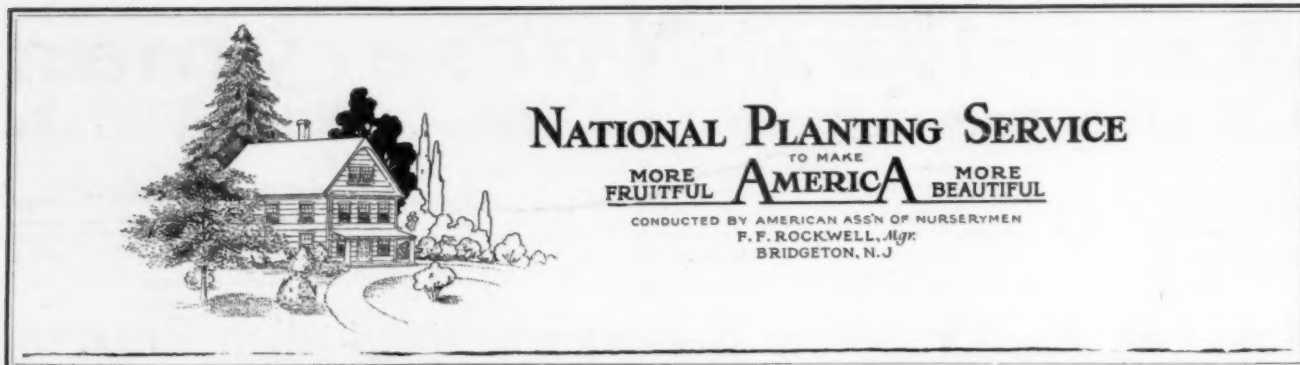
Landscape Architecture, by Professor C. L. Flint, University of California. Discussion led by D. W. Coolidge, Pasadena.

Sales Managers' Association

At a recent meeting held at the New York Advertising Club by a committee representing the New York Sales Managers' Club and the Sales Managers' Clubs of Philadelphia, Boston, St. Louis, Milwaukee, St. Paul and Columbus, it was decided to organize the National Association of Sales Managers, the first meeting to be held at Atlantic City, June 7, directly following the convention of the Associated Advertising Clubs of the World. Membership in the Association will be confined to Sales Managers, either as individuals or as a club membership.

Still Selling Fruit Trees

William E. ("Bill") Appleman of Midland, Michigan, where he has made his home for fifteen years, is in LaGrange for a few weeks, and, possibly, for the summer, following his long-time program, selling fruit trees. "Bill" Appleman has been selling fruit trees for forty years, over thirty years for the company he yet represents. He has traveled all over the United States, persuasively and profitably presenting his case with a success equaled by few salesmen in his line. Back in the "days of real sport" he was geared up with the Bollman and the Keim boys and Clarence C. Gilhams in fruit tree activities. Now he is alone in his work. Mr. Appleman owns a farm of two hundred and forty acres near Midland and a home in that city, where Mrs. Appleman and their daughter are living. They may join him here for the summer.—La Grange, Ind., Standard.



NATIONAL PLANTING SERVICE

Conducted by Market Development Committee, Reports Most Successful Year of Publicity Work—Quarter of a Million Booklets Distributed in Addition to Other Work Carried On—New Slogan Being Used by Many Newspapers as Well As By Nurserymen.

Building more business for the Nurserymen of the country was the job for which the National Planting Service, which is carried on by the Market Development Committee of the American Association of Nurserymen, was created.

The work which the National Planting Service has carried on during the past year has been highly successful. The newspapers of the country are realizing more and more that their readers are really interested in information concerning gardening and planting of all kinds, and are using the material sent out more freely than they ever have before.

In addition to the material used, there has been a very noticeable increase in the amount of editorial space devoted to planting, and particularly to permanent planting, the growing of trees, shrubs, vines and hardy plants which will help to turn the house into a home.

Publicity Service For Members of American Association Added

In addition to the general publicity articles, covering different classes of ornamentals, fruit, evergreens, etc., telling the people what and how to plant and suggesting why they should plant, there has been added this year to the work carried on by the National Planting Service, an individual publicity service for the benefit of the members of the American Association of Nurserymen.

The aim of this service is to help in every way possible and practical, the individual members of the Association with material and suggestions for their own individual efforts. When everybody is "planting publicity," to quote President Paul, the harvest will, of course, be very much greater than if the work is left to the Market Development Committee alone. The work of the Association should help the individual; and the work of the individual will help the Association—and in this way, there is more business built for everybody. **Quarter of a Million Copies of Educational Booklets Distributed**

The first of these booklets, "IT'S NOT A HOME TILL IT'S PLANTED" is eight pages with the first page in color and points out in a suggestive way the advantages and the desirability of so planting the home place that it becomes not merely a house, but a home.

The second booklet, "IT'S NOT A FARM HOME WITHOUT FRUIT" covers both the advantages of plenty of fruit for the

home and also is a summary of the facts and figures which are available to prove that the country faces a decreasing fruit supply for the immediate future and the opportunities which there are in fruit growing.

The orders received for these booklets so far have totaled a quarter of a million, and from the comments and letters which have been received, it seems very probable that a half a million more will be wanted for this fall's work.

Slogan Widely Used By Both Members of the Association and Newspapers

Another part of this publicity service to Nurserymen was the furnishing of cuts of the twin slogans, It's Not a Home Till It's Planted, and It's Not a Farm Home Without Fruit.

By purchasing a quantity of electros of these cuts, in both single and double column size, it was possible to offer a complete set of cuts to members of the Association for one dollar.

These cuts, concerning which we have received many enthusiastic comments, have been purchased by over 90% of the members of the Association and have been used freely in catalogues, circulars, on letterheads, envelopes, etc.

At the present time, the American Society of Landscape Architects, is assisting in the preparation of a new drawing to illustrate the slogan "It's Not a Home Till It's Planted." This will be ready for submission to the membership at the Chicago Convention and will be used in place of the present drawings in next year's work.

Reprints of Newspaper Articles in Demand By Individual Nurserymen

Another part of the publicity service has been supplying individual members with reprints of the articles supplied to newspapers. These are printed on single sheets about 10 inches long and conveniently fold up to go into an envelope with a letter or to be enclosed with circulars, bills, shipments or by agents.

As these reprints in quantity cost only \$1.10 a thousand, they have been widely used by a number of the members of the American Association and should be still further utilized by those who have not yet taken advantage of them. One member, from the use of some of these reprints, secured an order for a thousand dollars worth which he would not have otherwise received. Results like that cannot be guaranteed in every case, but the use of these articles will, undoubtedly, stimulate a lot

of business which would otherwise not be obtained.

Really Building for the Future

One of the things which the report of the Market Development Committee at the convention will cover will be the results of an experiment in getting the planting idea into the schools. This was done in a local way as a basis for work on a broader scale the coming year. The idea was, in brief, to offer prizes in a competition between schools and between individuals on the subject of It's Not a Home Till It's Planted.

The results have been very interesting and there seems to be no doubt that this plan could be used effectively in almost every city in the land.

In addition to the outlining of this plan, there will be other booklets recommended for next year's use and a complete program for the coming year's publicity work. It will include, among other things, the addition of another set or two of lantern slides to those now owned by the Association.

The demand for these slides has been very much greater this year than at any time since the Association first bought them, six or seven years ago. They have been out of the office either in use or being sent from one place to another practically every week for the last six months.

It is aimed to make the work of the National Planting Service harmonize with and supplement in every way possible the good work being done by other organizations such as the "Plan to Plant Another Tree" Movement and the American Tree Association.

A Good Sour Cherry

The Chase sour cherry, believed to have originated near Riga, Monroe County, New York, has proved so satisfactory on the grounds of the Experiment Station at Geneva that the Station fruit specialists are recommending that it be planted in place of English Morello, the standard late sour cherry for North America. The Chase is described as being of the same type of cherry as the Morello but with fewer faults.

AN IMPROVED MORELLO

"The trees of the Chase are larger, healthier, more spreading, and the branches do not droop as do those of Morello," says the Station horticulturist. "The leaves are larger and the fruit better distributed. The cherries are larger; possess the same dark color and shape of the Morello, except with a deeper cavity; and ripen a little earlier, but are much milder in flavor and therefore pleasanter to eat out of hand than the so-called astringent Morello. The Chase is an improved Morello and should be planted in place of that well-known variety."

AMERICAN NURSERYMAN should be regularly on your desk. A business aid. Bristling with exclusive trade news. Absolutely independent. NOT OWNED BY NURSERYMEN.

ROBERT PYLE'S RADIO TALK ON ROSES

Many people like roses, but have an idea that they are difficult to grow, but they are not. What is important is that the right varieties should be selected for the right place and purpose intended. In the book "How to Grow Roses" recently published I have named 444 varieties, but have arranged these into families or classes, and have otherwise made suggestions that greatly simplify selection. Broadly speaking, we may divide the families into Bush Roses and Climbing Roses. In order to learn the most popular varieties a vote was recently taken among members of the American Rose Society. I have compared the choice of twelve leading Rose experts in ten widely separated sections of this country and have compared this selection with the expressed judgment of leading professional Rose Growers. It is pleasant to find remarkable unanimity of opinion among all these regarding the most satisfactory varieties for amateurs. Among Bush Roses the four most popular were Ophelia, Radiance, Frau Karl, Druschki and Mrs. Aaron Ward. And among the climbers, Dr. Van Fleet, Silver Moon, American Pillar, Dorothy Perkins, Paul's Scarlet Climber, with Climbing American Beauty and Tausendschon or Thousand Beauties as close seconds to the last choice. Now, these lists might be greatly extended. For example, they include no Baby Ramblers, which are quite free flowering or continuous in their habits of bloom, though they are not climbers at all, but bush roses especially desirable for massing or border planting.

We in America as yet have made little use of the rose in the landscape or even for planting in shrubbery borders. The moss rose, the sweetbriars with their foliage of exquisite fragrance, and species of wild roses—lend themselves particularly well for massing around the edge of one's lawn or in groups or colonies in appropriate places.

If you want roses for screening out some unsightly object, for covering a garage or other rear building, use the climbers above mentioned. The important thing is to furnish nourishing soil, to prepare the ground by spading it at least 18 inches deep, the deeper the better, and to prune at the right time of year. Here again a little hand book on roses will be a great aid. Most roses should be pruned before they start growth in the spring, but Dorothy Perkins and her cousins should be pruned just as soon as they have finished blooming, usually in July. The other roses I have suggested like the moss, the sweetbriar and some of the species require very little pruning. This is also true of Hugonis, the new golden rose of China sent to us by the Catholic Priest, Father Hugo, and due to bloom among the very earliest.

The brief resume of rose possibilities for the home lawn would be most incomplete without mention of the spectacular display effects possible with some of our newer climbers. It is a revelation to some people to realize what an abundance of bloom and flowers for cutting may be enjoyed the second and third year after planting. For instance, a good two-year-old bush of Dr. Van Fleet may be had from any first-class Nurseryman for about \$1.00. Your own two hands and a spade with a little fertilizer will make a good start this year. Such a bush with us has not infrequently proved

its capacity to produce fully one thousand blossoms by the third year and annually thereafter. The cost is quickly forgotten amid the abundance of bloom.

Do you see how easily a few of the right roses at a very small expense may be made to beautify your archway, arbor, trellis, a pergola or fence in a fashion totally to transform in a few years the appearance of your surroundings.

There is some risk in the way of disease or insects, but if treated from the standpoint of prevention you will have little to cure. Begin as soon as the leaves are formed and spray every two weeks with "All-In-One," or any first-class fungicide and insecticide will discourage mildew and black spot from starting. You may have to fight off rose bugs, for which no adequate remedy has been found, though Melrosine is probably as good as anything yet produced.

On behalf of the American Rose Society, permit me to call attention to the advantages of membership in this splendid organization. It is made up of about 3000—mainly amateurs of those who love the rose. Many think that the annual publication of over 190 pages, written, this year, by over 89 members and edited by J. Horace McFarland, of Harrisburg, is alone well worth the membership fee of \$3.00 per year. Another privilege this year, greater than ever, will be the opportunity to participate in the rose pilgrimages planned by and for the members. These are in preparation for Washington, D. C. about June 1st; Portland, Oregon, June 12th, 13th and 14th; Seattle, Wash., June 19th, 20th and 21st; Boston,

Mass. about June 23rd and 24th, with probably arrangements for similar meetings in the neighborhood of Syracuse, New York and Minneapolis, Minn. Full announcements with schedule of the program for visiting out-standing gardens of each neighborhood with names of local officers in charge will be sent to members of record about the third week in May. This announcement will contain a list of members alphabetically and geographically arranged. Thus by joining you will be put in touch with the best Roses, the leading rose activities and the most interesting Rose people to be found in this country. Simply send \$3.00 to me at West Grove, Pa., and I will cheerfully send the 192 page American Rose Society Annual which contains the names of the most reliable rose-growers in this country and other membership privileges, together with a list of Roses recommended above if desired.

Also please write to me if you have among your friends one who would cherish the chance to have his name become known the world over as a benefactor of mankind for a thousand years. Professor Charles Sprague Sargent of the Arnold Arboretum has promised so to honor the donor of a memorial rose garden such as he would build. I am helping Professor Sargent to find the man who would be willing to pay the amount required. If you could know the joy in store for those who grow their own roses and share the product of this wholesome toil you would not let another season pass without providing for your own home lawn some of these delightfully improved varieties.

Say you saw it in "American Nurseryman."



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Drafts on New York, or postal orders, instead of checks, are requested.

ROCHESTER, N. Y., JUNE, 1923

FOUNDER OF AMERICAN NURSERY TRADE JOURNALISM

THE FIRST Nursery trade paper in America was established in 1893, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of Ralph T. Olcott, of Rochester, N. Y., who later founded the AMERICAN NURSERYMAN on broad and untrammelled lines.

"The dean of Nursery Trade Journalism."—John Watson.

Plum Stocks

A Guide for Nurserymen and Fruit Growers
Myrobalan Stock Found Best

How different root stocks affect the growth and yield of the common varieties of plums forms the subject of a bulletin entitled Stocks for Plums just issued by the New York Agricultural Experiment Station at Geneva under the authorship of Dr. U. P. Hedrick, Station horticulturist. Experiments were begun on the Station grounds in 1912 in which six different stocks were tested out with fifteen varieties of plums commonly grown in New York. The effects of the stocks on the growth of the different varieties for ten seasons and on the yield for six seasons have been noted and the conclusion reached that the present tendency among New York Nurserymen and fruit growers to use Myrobalan for plums is fully justified by the results secured in the Station experiments.

"Cultivated fruit trees are unions of 'stock' and 'scion' and these react on each other for better or worse. The fruit grower as well as the Nurseryman has much at stake in the stocks upon which his trees are grown. The Station experiments show that of the stocks now in general use in New York, as regards vigor and productiveness of the resulting tree, Myrobalan is best for Bradshaw, Grand Duke, Italian Prune, Lombard, Reine Claude, Shropshire, and Drap d'Or. Abundance and Burbank grow about equally well on Myrobalan and on peach stock. Wild Goose, Pottawattamie, Forest Garden, and Wayland, native plums, will probably do best on Marianna stock, although they make very satisfactory trees on Myrobalan also. DeSoto does best on roots of its own species. Fortunately, Myrobalan is now the commonest stock used in the Nurseries and orchards of New York."

The bulletin is now available for distribution and may be had free of charge by anyone interested in the subject upon application to the Station at Geneva.

President George F. Verhalen, of the Southern Association of Nurserymen writes: "We are looking for a good attendance at the annual meeting of the association, in Dallas, Tex., Sept. 5-6, as the industry in the Southwest has been prosperous throughout the season just closed."

AGGRESSIVE LEGISLATIVE WORK

Largely through the activity of the full-time, paid, secretary of the California Association of Nurserymen, C. K. Grady, that business-like organization has secured state legislation by which it profits materially, in securing appropriation for a vacuum fumigation plant.

This journal has repeatedly urged that Nurserymen should take the offensive rather than continually being on the defensive in matters of legislation. The executive committee of the California Association says of the successful work in behalf of the organization:

It is worth while to review these activities in some detail, because it appears to be the first time on record that district organization such as ours, in the trade, has ever made an organized campaign to secure legislative changes. There has always existed the need for such activity, but somehow or other, it has usually been left entirely to a few progressive leaders to wage their own fight for needed measures, and the voice of the trade as a whole has not been heard. This year we have taken our rightful place in guiding the deliberations of our lawmakers, and have made a good beginning in the achievement of those changes we regard as necessary to the proper conduct of our business. Let the good work go on; let us begin now to marshal our forces for the next session of the legislature in 1925. What has been accomplished is only a beginning, an indication of what we can do with organization and we must strengthen our Association for the next tourney.

SEED COLLECTING IN THE ORIENT

John H. Reisner, of the College of Agriculture, University of Nanking, China, who visited the United States a few years ago in the interest of his work in the Orient, writes that he and his staff are busy collecting seeds of Chinese wild fruits, Chinese nuts, evergreens, ornamentals, forest and shade trees. He has been very much interested in the wild pear proposition for several years. Mr. Swingle, of the U. S. Dept. of Agriculture, says that Mr. Reisner has sent to the Government officials some of the best seed they have been able to get. When the college at Nanking is able to serve American Nurserymen in connection with its own work, it is pleased to do so. All that the college makes out of the business goes back into the work of improving agriculture in China. So far Mr. Reisner has been able to locate only three pure stands of wild pear seed in China. Of mixed stands of *Pyrus calleryana* with *P. betulifolia* there is no end. The collectors must be constantly watched to avoid error. The work of collecting seed of all kinds is difficult because of lack of communication, lack of botanical knowledge in China, scarcity of seed trees and the care that must be taken in collecting, cleaning and storing. During the last season the college collected seed through a radius of 1200 miles in ten provinces with the aid of many co-operating friends, Chinese and foreign.

THE LEWIS BLACK WALNUT

The Lewis black walnut, discovered and named (after Prof. C. I. Lewis) by H. R. Mosnat, Chicago, is attracting much attention by reason of full description in the May issue of the "American Nut Journal," Rochester, N. Y. This black walnut has been pronounced of superior quality by Dr. Robert T. Morris, Dr. William C. Deming and other nut experts. The kernel is of high grade, cracks out in perfect halves and in flavor combines the quality of the Persian walnut and the common black walnut in that it is less starchy than the former and

offers less pronounced flavor than the latter. It will grow where there is the largest amount of suitable land and near the largest centers of population. The black walnut is native to nearly every state in the Union.

Mr. Mosnat is the discoverer of a fine walnut of curly grain wood and of the Morris black walnut for confectionery use.

IMPORT BUSINESS INCREASES

C. R. Burr & Company, Manchester, Conn., report that business is especially promising for the coming season and especially so in the sale of their imported fruit tree seedlings and rose stocks. They have already booked quite a number of large orders for next winter's delivery. They hope to be able to deliver an excellent product.

Mr. Burr sailed for Europe on May 23rd to spend two months with the company's growers in the vicinity of Angers, France and to look over the principal Nurseries in Italy, Austria, Germany and Switzerland.

The company's imported stocks are handled in carload lots both in Europe and America and it is found possible to give customers quick service and to deliver stock in fine conditions. Business in this line is increasing every year.

Trade Associations

American Association of Nurserymen—Charles Sizemore, secy., Louisiana, Mo.; 1923 Convention, Chicago, Ill., June 27-29.

Pacific Coast Association of Nurserymen—C. A. Tonneson, secy., Burton, Wash., Convention, July 17-19, Boise, Idaho.

Western Nurserymen's Association—George W. Holsinger, secy., Rosedale, Kan. Jan. 23-24, 1924, Kansas City, Mo.

Southwestern Nurserymen's Association—Thomas B. Foster, secy., Denton, Tex. Sept. 5-6, 1923, Dallas, Tex.

Southern Nurserymen's Association—O. W. Fraser, secy., Birmingham, Ala. Aug. 15-16, 1923, Atlanta, Ga.

Eastern Nurserymen's Association—F. F. Rockwell, secy., Bridgeton, N. J.

Northern Nurserymen's Retail Association—C. H. Andrews, secy., Faribault, Minn. December 18-20, 1923, St. Paul, Minn.

Western Canada Nurserymen's Association—T. A. Torgeson, secy., Estevan, Sask., Canada.

New Jersey Association of Nurserymen—Wm. F. Miller, secy., Gloucester City, N. J.

Pennsylvania Association of Nurserymen—Floyd S. Platt, secy., Morrisville, Pa.

Massachusetts Nurserymen's Association—Winthrop H. Thurlow, secy., W. Newbury, Mass., Jan. 1924, Hort'l. Hall, Boston.

Iowa Nurserymen's Association—R. S. Herrick, secy., State House, Des Moines, Ia. Nov. 12, 1923.

New York Nurserymen's Association—Charles J. Maloy, secy., Rochester, N. Y. Feb. 7, 1924, Rochester, N. Y.

Illinois Nurserymen's Association—J. A. Young, secy., Aurora, Ill. Jan., 1924.

Tennessee Nurserymen's Association—Prof. G. M. Bentley, secy., Knoxville, Tenn.

Connecticut Nurserymen's Association—R. B. Faxon, secy., New Haven, Ct.

Ohio Nurserymen's Association—Clarence Siebenthaler, secy., Dayton, O. Jan. 24, 1924, Columbus, O.

Rhode Island Nurserymen's Association—H. H. deWildt, secy., 521 Elmwood Ave., Providence, R. I.

Missouri Nurserymen's Association—George H. Johnston, secy., Kansas City Nurs., Kansas City, Mo. Jan. 23, 1924, Kansas City, Mo.

Michigan Association of Nurserymen—C. A. Krill, secy., Kalamazoo. Dec. 1923.

New England Nurserymen's Association—Donald D. Wyman, sec'y, N. Abington, Mass.

Eastern Canada Nurserymen's Association—E. D. Smith, Winona, Ontario, president.

California Assn. of Nurserymen—Chancellor K. Grady, Sec'y, 401 Phelan Bldg., San Francisco. Oct. 15, 1923, San Francisco.

say you saw it in AMERICAN NURSERYMAN

J. E. Moon's Radio Address

This is National Planting Week. I know you all have a desire to plant something—a tree, a bush or a seed. There is no one too old or too young to satisfy this desire. A flower grown in a tomato can on a window ledge is a possibility even for everyone.

Remember that in past summers those homes adorned with window boxes, brilliant with geraniums and festooning vines. All who passed by had respect for the owner of a home so decorated, and those who had such boxes of flowers had the reward of beauty, and the satisfaction of elevating the character of their neighborhood. Let me suggest that boys make window boxes right now and get them up and planted soon. Give the family, especially mother, the pleasure of a window garden.

In the city yard, even if it is small, you can garden there. A tree of Heaven (ailanthus) or a paper-leaved mulberry will grow where nothing else survives, and they will blot out ugly walls and give cooling shade for the children to play under; or the family to rest beneath. Vines will soften the fences. Grapes could be used for this, and they give you fruit in addition. Roses may be planted in your city yard, especially the climbing kinds.

If you are so fortunate as to live in the suburb, of course, you want to plant something. Most likely you went to the suburbs because of the trees and the flowers that are there. Contribute to the environment that lured you there, by planning to plant a tree. If ugly views offend, blot them out with shrubbery. Line the garden walks or borders of the yard with flowers that give you an uninterrupted succession of bloom during the open months. Peonies, iris, hollyhocks are but a few of the plants to go in such a flower garden. Then there are roses, always roses, that we should have in our gardens for the beauty they give in the garden or the joy that bouquets of them provide.

This is Arbor Week as well as Planting Week. Why not have your school plant a tree? Commemorate birthdays by planting trees. Celebrate any occasion by planting a tree. It endures for years and keeps fresh the memory of the event that it is planted to commemorate.

America needs more trees planted. We are destroying them for our lumber and paper industries at an enormous rate. Our cities need more trees for health and comfort. Our suburbs must have them.

The purpose of my message then is to encourage Tree Planting. Remember the place in which you live is not a home until it's planted. Now is the time to plant, so make your house a home with planting. For the necessary plants, and for advice as to what to plant to meet your particular requirements, see your Nurseryman or write him today.

Theodore Torgeson, Prairie Nurseries, Estevan, Sask., Canada, recently delivered an address at a teachers' convention, on the subject of horticultural education in the schools. It was in line with the Plan to Plant Another Tree movement.

New Nursery concerns: R. D. Maplesden, Walnut Creek, Cal.; G. R. Gross, Ukiah, Cal.; Grayton Sweet, Perry, O.; Grand View Nurseries, Joseph D. Lombardy and Guy Wyman, Painesville, O.; Glenn Freeman, Painesville, O.; Owen P. Farron, Painesville, O.; W. A. Yarwood & Sons, Santa Cruz, Cal.; Louis Derocher, Moneta, Cal.

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First-class experienced practical grower of ornamentals, shade trees, shrubs, roses, etc., for permanent position in large western Nursery.

Stock grown under irrigated conditions. Must be competent to handle considerable acreage and to manage crew throughout entire season, including growing, shaping, digging and packing of deciduous and evergreen stocks.

Address Box B c/o "American Nurseryman."

If you missed getting your adv. in the current issue of American Nurseryman send your copy for the mid-month AMERICAN NURSERY TRADE BULLETIN.

MEN OF THE HOUR "American Nurseryman" Series

A. N. Champion

The president of the Ohio Nurserymen's Association is 43 years old. He has been a resident of Perry, Ohio, 32 years. Prior to that period he lived in Grinnell, Iowa, where he was born. The Champion Nurseries were established in Perry in 1890 by H. J. Champion, the father of A. N. Champion. The



A. N. CHAMPION, Perry, O.

former died Oct. 26, 1921. The latter is the manager and half-owner of the business which has made steady growth. The Nurseries comprise 180 acres of which 80 acres are planted to Nursery stock. Last year a frost-proof storage house 80 x 120 feet with an addition 32 x 85 feet, was constructed.

In a Michigan Nursery

The Paw Paw, (Mich.) Nurseries, James H. Nelson & Son, proprietors, have one of the largest assortments of Nursery stock ever carried in this section of Michigan and are booking orders from and shipping stock to nearly every state in the United States, says a recent issue of the Currier-Northerner. At the beginning of the season this company had more than 200,000 fruit trees on hand and made during the past season more than 3,000,000 grape cuttings, one-third of which they will plant out just as

soon as the weather will permit, employing more than forty people in the work.

The season has been so backward that their work has suffered a serious setback, in that the ground has been so frozen that much of their stock could not be moved until within the past few days. Their shipments have been delayed and now that the weather has moderated some, increased forces of men will have to be used to attend to the work in proper time. They report that their work is about a month behind this year.

While the firm carries a complete line of all kinds of Nursery stock, they specialize in apple, cherry, plum, peach and pear trees, grape roots and ornamentals.

They grow their own peach trees and grape roots and during the past winter have had a force of eleven people at work making cuttings for grape roots. The work began the first of December and continued until the middle of March.

The cuttings shipped have gone to points from the Atlantic to the Pacific, including the states of Massachusetts, Texas, Oklahoma, Illinois, etc.

Ninety per cent of the cuttings were Concord, next came Wordens, with quite a strong demand; then in importance were Moore's Early, Niagaras and Delawares. There was practically no demand for Champions.

The cuttings are 7 to 11 inches long, three buds to a cutting. They are put up 100 to a bundle and when shipped, from 40,000 to 60,000 are put in a box.

Nelson & Son express the opinion that these cuttings will not have much effect on commercial grape growing as they were wanted largely by Nurserymen who will sell grape vines in small quantities to parties who want a few for their own use.

Berryhill Nursery Co., Harrisburg, Pa., with capital stock of \$400,000, has absorbed the Holmes Seed and Nursery Co., of that city. E. L. Shuey, Springfield, O., is president; E. R. Eckenrode, Harrisburg, treasurer.

The Hartford Fire Insurance Company announces a practical insurance contract protecting Nursery stock from all kinds of loss or damage by hail.

Say you saw it in AMERICAN NURSERYMAN.

The Whole Subject of Nursery Trade Publicity

By a system exclusively its own, this publishing company covers the American Nursery Trade thoroughly. Advertisements intrusted to its care are published first in the "American Nurseryman," through which they reach subscribers, and then are published in the "American Nursery Trade Bulletin" through which they reach the remainder of the trade. The rate for advertisements covers the double service, on the 1st and 15th each month. Forms close on the 25th.

BETTER THAN ANY TRADE DIRECTORY—Mailing Lists changed daily.

American Nurseryman and American Nursery Trade Bulletin

ALL ADVERTISEMENTS ARE RUN IN BOTH PUBLICATIONS
ABSOLUTELY COVERING THE TRADE

FOR THOSE WHO DO NOT ALREADY KNOW

BUSINESS Announcements in this Chief Exponent of the Trade reach the Nurserymen of every State in the Union. An absolutely independent publication. Edited by the Founder and Dean of Nursery Trade Journalism in America, it continues its pronounced lead in movements which have characterized trade progress for a quarter of a century. Practically every important action on the part of Nursery organizations of the country, national, district and state, has been urged and foreshadowed in the columns of the "American Nurseryman" for months or years beforehand.

That is an unparalleled record. The proof is in print in the files of this journal, open to all.

THE AMERICAN NURSERYMAN, 39 State Street, ROCHESTER, N. Y.

Advtg. \$2.50 Inch CHIEF EXPONENT OF THE NURSERY TRADE Subn. \$2.00 Year
American Nurseryman Advtg. are included in American Nursery Trade Bulletin Monthly

TRADE SENTIMENT

A letter recently received from President Robert Pyle of the Conard & Jones Company says: "Your recent issue serves to reinforce a conviction that has been growing with me that you are alive to the interests of the Nurserymen and sensitive to their needs. I want you to know that some of us appreciate the fact that we have a Trade Journal which may be counted upon to help boost the movements that are for the betterment of the industry generally."

The D. Hill Nursery Company in a recent letter said: "I am more than ever convinced that the "American Nurseryman," being an independent Trade Journal, is a logical medium which should be dominant in the Nursery Field."

"Your publication is doing a great work. We are all with you."—John A. Young, President, Aurora (Illinois) Nurseries.

Subscription: \$2.00 per year. Three Years. \$5.00

AMERICAN FRUITS PUBLISHING CO.,

39 State St., ROCHESTER, N. Y.

TRANSPORTATION

Increased Equipment

The progress made by the railroads in the "program to provide adequate transportation" as approved at the members' meeting of the American Railway Association and the Association of Railway Executives on April 5 is seen in a statement just issued by the American Railway Association. In brief, this shows that in the four months since the first of year:

The railroads have moved the heaviest traffic in this period on record by more than 10 per cent.

The railroads have placed in service 50, 151 new freight cars and 1,228 locomotives. They are waiting delivery on 115,756 freight cars and 1,956 locomotives.

The railroads have increased the number of freight cars in good order and available for service from 90.5 per cent of the total owned to 90.8 per cent. The goal set to be reached by October 1 in the program is 95 per cent. They have increased the number of locomotives in good order from 75.9 per cent of the total owned to 78 per cent. The goal set to be reached by October 1 is 85 per cent.

The railroads have increased their fuel stock from 6,756,886 tons to 7,461,348 tons. By increasing fuel stocks, the equipment which otherwise would be necessary to move fuel is released for general service.

Recently we directed attention to the effective work by the American Forestry Co., Boston in increasing the demand for window boxes in business sections of a city, with evergreen plantings in the boxes. The Little Tree Farms provided the evergreens which banked an ice cream parlor in front of a building in the heart of Boston a few days ago.

The Okmulgee, Okla., Nursery Co. is installing a Skinner irrigating system and otherwise improving its ten acres of ground.

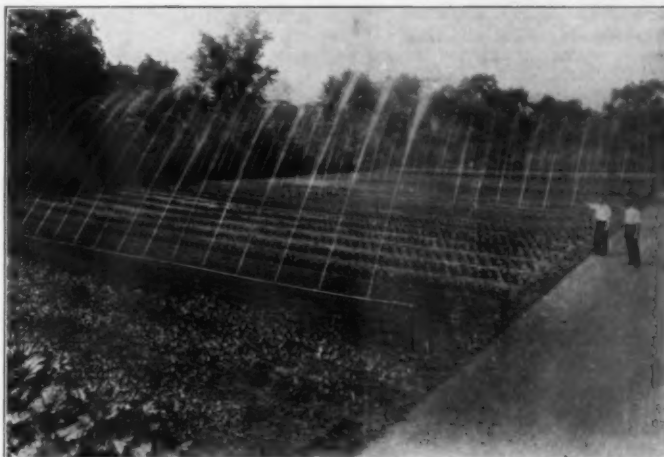
There are Evergreen Nurseries at Sturgeon Bay, Wis., and Wilton, Conn., and now the Evergreen Nurseries, New York City are announced with capitalization of \$10,000, E. J. Redmond, et al., incorporators.

W. A. Wood, for 14 years superintendent one of the Southern Nursery Company's plants, Winchester, Tenn., died recently at Harrisonburg, Va.

Incorporations: Lake McLeod Nurseries, Winter Haven, Fla., \$30,000; Seminole Nurseries, Jacksonville, Fla.

Roland Morrill, prominent horticulturist, died May 3rd at his home in Benton Harbor, Mich., aged 72 years.

Rain When You Want It



Control Your Rainfall

Think what it would mean to you to have your propagating beds equipped with SKINNER SYSTEM of Irrigation like the one shown on this country estate. It would eliminate entirely the delays and losses incident to dry weather and you could have all the rain you wanted, whenever and wherever needed.

You can begin with a small investment and add to the system as necessity requires. Four moves of a portable line 200 feet long will water an acre, and each move takes only a few minutes, using the quick action coupling shown herewith.



Write us about your requirements, and we shall be glad to give you full information.

The Skinner Irrigation Co.

243 WATER ST.

TROY, OHIO

SKINNER
SYSTEM
OF IRRIGATION

We Have Them

BLEEDING HEART	PHLOX ASSORTED
CLEMATIS ASSORTED	AMELOPSIS VEITCHII
2 and 3 year	2 and 3 year
HYDRANGEA P. G. and	SPIREA ANTHONY WAT-
ARB.	ERER
CLIMBING, BUSH and TREE	ROSES

SPECIALS
DELPHINIUM 2 year field grown BELLADONNA

Per 100
\$8.00

Per 1000
\$40.00

Onarga Nursery Company
CULTRA BROS., MGRS.
Onarga, Illinois

RICE BROTHERS CO.

GENEVA, N. Y.

A General Surplus on
Fruit Trees, Ornamental Trees,
Shrubs and Roses

WRITE FOR PRICES

FRUIT

Have a few Standard and Dwarf Pear and Quince to offer.

SHADE TREES

Large stock of Sugar Maples, 2 1/2 to 4 inches. Nice block of transplanted American Elm 1 1/2 to 3 inches.

Shrubs and Perennial Plants

General Assortment.

W. B. COLE, Painesville, Ohio

TREE SEEDS

Send for our Special Offers and also Contract Price Lists for 1923. We please the trade.

T. Sakata & Co.

20 E. Jackson Blvd., CHICAGO, ILL.

HOME OFFICE: YOKOHAMA, JAPAN
Sakai-Cho, Opposite Park

Mount Arbor Nurseries

E. S. Welch, President

SHENANDOAH, IOWA

A complete line of general nursery stock for the wholesale trade.

FRUIT TREE STOCKS**Catalog of Evergreens**

For the benefit of the many nurserymen who are pushing their Evergreen sales, we are preparing a small catalog which we will sell at cost, imprinted with YOUR name on the cover. Catalog will contain accurate descriptions and illustrations of the leading varieties of Evergreens for landscape work, windbreaks and hedges, as well as general cultural and planting directions. The public is demanding Evergreens. Why not let your salesmen distribute these booklets or send them out to your mailing list?

Please write for further information.
THE D. HILL NURSERY CO., INC.,
EVERGREEN SPECIALISTS
Largest Growers in America
DUNDEE, ILLINOIS

CONTRACT NOW

For next season's Everbearing Strawberry Plants. None better at any price, none so good at my contract price. Our stock is true to name, unmixed, healthy and bred for vigor and productivity.

Entirely sold out on plants for present delivery.
CURTIS E. BOWMAN, Greenwood, Del.

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TREE LOVERS' ASSOCIATION OF AMERICA**"PLAN TO PLANT ANOTHER TREE"**

TO MAKE AMERICA THE GARDEN OF THE WORLD

A Movement to Encourage the Planting of Trees, Fruits, Shrubs, Flowers and Seeds and to Teach Care After Planting

U. P. HEDRICK, President, Vice-Director New York Agricultural Experiment Station, Geneva, N. Y.
ALVIN E. NELSON, Vice-President, President Swain Nelson Sons Co., 970 Marquette Bldg., Chicago, Ill.
WILLIAM A. PETERSON, Treasurer, Peony Specialist, 30 N. LaSalle St., Chicago, Ill.
I. A. YOUNG, Secretary, Horticulturist, Aurora, Ill.

Spring Campaign a Great Success

With a success far surpassing the most ambitious hopes of its sponsors, Tree Planting Week has been held this spring all over America.

Begun on the west coast early in February, Tree Planting Weeks, arranged according to climatic conditions in various parts of the United States, have been swung in March and April down through the south, then into the Mississippi Valley.

Mid-May will see the termination of the program in Maine, Vermont and Montana.

There is every reason to believe that results in these three states will make additional record of accomplishments in community and individual planting such as no previous spring has made before in the history of America.

Reaction is Rapid

From every quarter of the country there came immediate response to the launching of the spring campaign of the "Plan to Plant Another Tree" movement early in January, 1923. With Tree Planting Week the feature of the campaign and with its one great common objective: "To have a Tree, a Shrub or a Flower planted by every Man, Woman and Boy and Girl in America," north, south, east and west rallied immediately to the call and expressions of interest and desire to help began at once to pour into the headquarters of the Tree Lovers Association of America in Aurora, Illinois.

For weeks a perfect avalanche of reports, requests, suggestions, commendations and offers of co-operation have kept the campaign headquarters submerged in stupendous activity. Working day and night, the Secretary, Mr. J. A. Young, and his corps of assistants, have concentrated every effort and thought on producing the maximum result of work within a minimum of time.

Hundreds of thousands of circulars, form letters, personal letters, clip sheets to editors and monthly Bulletins have been distributed all over the country. Every possible plan has been devised to circulate speedily, promptly and as universally as possible, every conceivable working plan and suggestion for stimulating all America

to the one great common purpose of the campaign.

The result has been the gain of a tremendously rapid and secure growth for the "Plan to Plant Another Tree" movement. Thousands of newspapers have carried articles, highly favorable editorial comment and educational material that has powerfully stimulated the movement and carried into every part of America the gospel of broader and better planting and care after planting as preached by "Plan to Plant Another Tree."

To Enlist 15,000 Members

The launching of a drive for 15,000 members for the Tree Lovers Association of America is concentrating present effort at the headquarters of the "Plan to Plant Another Tree" movement, according to report from its secretary, J. A. Young.

"The tremendous success of the spring campaign of 'Plan to Plant Another Tree,' which has brought the movement to the fore all over the country, proves conclusively that the campaign must be advanced now with even greater vigor," says Mr. Young. "There is no possible doubt that America is ready to help 'Plan to Plant Another Tree' and to let 'Plan to Plant Another Tree' help her in a practical program of reforestation and beautification by increased planting."

The Association is preparing for the distribution of circulars inviting memberships. It is expecting every Nurseryman in America to take at least a \$3.00 membership and to interest his friends in doing the same. The Association is anxious to put the movement on a self-sustaining financial foundation by means of memberships, and when this is done, there will be no need for soliciting subscriptions in any other way.

To date the Nurserymen have subscribed \$6,011.81 of the \$10,000 budget fund.

PLAN TO PLANT ANOTHER TREE FUND

Wm. A. Peterson, Treas.
30 North La Salle St.
Chicago, Illinois

I hereby subscribe to Plan to Plant Another Tree Fund for 1923 the sum of—

— \$25.00 — \$50.00 — \$75.00
— \$100.00 — \$250.00 — \$500.00

Send no money. Will be called for as needed.

Firm Name

Address

Signed by

CLOSING TIME:

FOR TRADE
ADVERTISEMENTS

**AMERICAN
NURSERYMAN**

**AMERICAN NURSERY
TRADE BULLETIN**

First Forms: - 23rd each month

First Forms: - 8th each month

Last Forms: - 25th each month

Last Forms: - 10th each month

If proofs are wanted, copy should be in hand previous to above dates.

American Fruits Pub'g. Co., P. O. Box 124, Rochester, N. Y.

Tree Lovers Assn. 1923 Fund

American Ass'n of Nurserymen....	\$1000.00
American Nurseryman, Rochester, N. Y.	25.00
Andrews Nursery Co., Fairbault, Minn.	15.00
Augustine & Co., Normal, Ill.	25.00
Aurora Nursery Co., Aurora, Ill.	100.00
Baker Bros., Ft. Worth, Tex.	10.00
Barnes Bros. Co., Yalesville, Conn.	25.00
Beaudry Nursery Co., Oak Lawn, Ill.	50.00
Beaudry, Wm. A., Organization, Chicago, Ill.	100.00
Benedict Nursery Co., Portland, Ore.	10.00
Benson-Omaha Nursery, Omaha, Nebr.	10.00
Bessemmer Nursery Co., Sterling, O.	25.00
Breitmeyer Nurseries, Rockwood, Mich.	50.00
Bryant, A. & Sons, Princeton, Ill.	100.00
Burr, C. R. & Co., Manchester, Conn.	100.00
Burridge, H. C., Libertyville, Ill.	15.00
C. & V. Nurseries, Blackwell, Okla.	5.00
Cedar Hill Nursery & Orchard Co., Winchester, Tenn.	25.00
Chase Nursery Co., Chase, Ala.	50.00
Chattanooga Nurseries, Chattanooga, Tenn.	10.00
Clarke, Daniel A., Fiskeville, R. I.	25.00
Clinton Falls Nursery, Owatonna, Minn.	50.00
Commercial Nursery Co., Dechard, Tenn.	25.00
Conard & Jones, West Grove, Pa.	25.00
Condon Bros., Rockford, Ill.	25.00
Custer Bros., Normal, Ill.	10.00
Davis (Franklin) Nurseries, Inc., Baltimore, Md.	10.00
Decatur Nursery Co., Decatur, Ill.	25.00
Des Moines Nursery Co., Des Moines, Ia.	25.00
De St. Aubin, Eugene A. & Bro., Oak Park, Ill.	25.00
Dintelman, L. F., Belleville, Ill.	10.00
Draime Bros., Citronelle, Ala.	10.00
Dreer, Henry A. & Co., Philadelphia, Pa.	25.00
Eastern Townships Nursery, Sherbrooke, Quebec, Can.	10.00
East Lawn Nursery, Sacramento, Calif.	25.00
Ellis Floral Co., Bloomington, Ind.	10.00
Eschrich's Nursery, North Milwaukee, Wis.	25.00
F. & F. Nurseries, Springfield, N. J.	25.00
Fairfield Nursery, Salisbury, Md.	10.00
Freeman's Nursery, Evanston, Ill.	25.00
Fruitland Nurseries, Augusta, Ga.	25.00
Gardner Nursery Co., Osage, Ia.	25.00
Glen Ellyn Nurseries, Wheaton, Ill.	25.00
Geori, (Chas.) Nursery Co., Highwood, Ill.	25.00
Golf Nursery, Glenview, Ill.	25.00
Golden Eagle Nursery, Golden Eagle, Ill.	25.00
Gurney Seed & Nursery Co., Yankton, S. D.	5.00
Haas' Home Nursery, Terre Haute, Ind.	25.00
Harrison Nursery Co., York, Nebr.	25.00
Hill (D.) Nursery Co., Dundee, Ill.	500.00
Hobbs, W. L., Gainesville, Ga.	5.00
Homewood Nursery Co., Homewood, Ill.	10.00
Hoopes Bros. & Thomas Co., West Chester, Pa.	100.00
Hopedale Nurseries, Hopedale, Ill.	25.00
Huntsville Wholesale Nursery, Huntsville, Ala.	50.00
Hunsfritz, J. E. Sons Co., Monroe, Mich.	100.00
Jackson & Perkins Co., Newark, N. Y.	100.00
Jerseyville Nursery, Jerseyville, Ill.	10.00
Kankakee Nursery Co., Kankakee, Ill.	25.00
Kelly & Sons, Jeff. Ala.	10.00
Kelsey Nurseries, St. Joseph, Mo.	25.00
Keystone State Nursery, Beaver Falls, Pa.	10.00
Klohm Nurseries, Arlington Heights, Ill.	100.00
Laketon Nurseries, Laketon, Ind.	10.00
Lancaster Nurseries, Lancaster, Pa.	10.00

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\$2.50 Per Month Under Yearly Contract
Under less than yearly term:
\$2.80 Per Month

Lindley, J. Van) Nursery, Pomona, N. C.	50.00
Littlefield-Wyman Nurseries, North Abington, Mass.	25.00
Littleford's Nursery, Downer's Grove, Ill.	50.00
Manchester Nurseries, Manchester, Conn.	10.00
Marshall, J. C., Washington, D. C.	25.00
Marshall's Nurseries, Arlington, Nebr.	25.00
Mathews, J. S., Cincinnati, Ohio.	5.00
Meadow Brook Nurseries, Inc., Englewood, N. J.	10.00
Meehan, Thos. B. Co., Drescher, Pa.	25.00
Moon, W. H. Co., Morrisville, Pa.	25.00
Mt. Arbor Nurseries, Shenandoah, Ia.	150.00
Munson Nurseries, Denison, Tex.	25.00
Nelson, Swain & Sons, Chicago, Ill.	250.00
New York Nurseryman's Ass'n.	100.00
Northeastern Forestry Co., Cheshire, Calif.	25.00
Northwest Nursery Co., Valley City, N. D.	15.00
North Shore Nursery Co., Libertyville, Ill.	25.00
Onarga Nursery Co., Onarga, Ill.	100.00
Palanga, Frank, Utica, N. Y.	25.00
Palmgren's Nursery, Glenview, Ill.	25.00
Pennsylvania Nursery Co., Girard, Pa.	15.00
Peterson Nursery Co., Chicago, Ill.	500.00
Pfeiffer Nursery, Winona, Minn.	5.00
Pfund Nursery Co., Oak Park, Ill.	25.00
Pilkington, J. B., Portland, Ore.	50.00
Pontiac Nursery Co., Detroit, Mich.	15.00
Prairie Nurseries, Estevan, Sask., Can.	25.00
Princeton Nurseries, Princeton, N. J.	25.00
Red Line Co., Niles, Mich.	25.00
Rice Bros. Nursery Co., Geneva, N. Y.	100.00
Scherer & Sons, Northport Nursery, Northport, N. Y.	10.00
Schwedler's Nursery, Morton Grove, Ill.	25.00
Shenandoah Nurseries, Shenandoah, Ia.	100.00
Sieenthaler, (John) Nurseries, Dayton, Ohio	25.00
Skinner, J. H. & Co., Topeka, Kans.	25.00
Smith, W. & T. Co., Geneva, N. Y.	50.00
Southern Nursery Co., Winchester, Tenn.	25.00
Stark Bros., Louisiana, Mo.	100.00
Storrs-Harrison Co., Painesville O.	100.00
Strand's Nursery, Taylors Falls, Minn.	10.00
Thornburg Nursery Co., Evansville, Ind.	10.00
Vaughn's Nursery, Western Springs, Ill.	50.00
Verkans Nurseries, New London, Conn.	25.00
Waldhart & Sons Co., St. Louis, Mo.	10.00
Washburn, A. & Sons, Bloomington, Ill.	10.00
Washington Nursery Co., Toppenish, Wash.	25.00
Welch, Mark, Painesville, Ohio.	15.00
West, T. B. & Sons, Perry, Ohio.	15.00
Westman & Getz, Cleveland, Ohio.	25.00
Westover Nursery Co., Clayton, Mo.	25.00
WHL Oscar H. & Co., Bismarck, N. Dak.	25.00
Wilson, C. & Co., Manchester, Conn.	5.00

AMERICAN NURSERYMAN should be regularly on your desk. A business aid. Bristling with exclusive trade news. Absolutely independent. NOT OWNED BY NURSERYMEN.

PRICES IN ADVERTISEMENTS

The AMERICAN NURSERYMAN and the AMERICAN NURSERY TRADE BULLETIN are Nursery Trade Journals—nothing else. Therefore, prices may be used freely in advertisements in these journals, of course.

This announcement is made again, for the benefit of those who may have confused our policy with that of some other publication.

The publishers of these journals do not announce that prices in advertisements therein are "for the trade only" and then send the journals to gardeners, and amateurs generally!

Fruit and Flower Plates
IN ALL PROCESSES

Plate Books
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CATALOGUES

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Order Blanks
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De Luxe
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Whatever you need, call upon us.
We are at your service.

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THE F. E. SCHIFFERLI NURSERIES

Established 1890

Fredonia, N. Y.

We offer Grape Vines, Currants, and Gooseberries in all varieties and grades for late fall and early spring shipment. Grown by SCHIFFERLI in "The Famous Chautauque County Grape Belt."

Enough Said

Write For Prices

PLATE BOOK OF EVERGREENS

Thirty-five actual photographs of individual evergreens and evergreen plantings, 5x8 inches, bound in beautiful, genuine black leather, loose leaf binder. Twenty-eight pictures are in black and white and seven are hand-colored in natural colors. Our Price Only \$7.50, Cash with Order. (Less than 1/2 of actual cost to us.)

THE D. HILL NURSERY CO.
Dundee, Illinois. Box 402

ORDER NOW FOR Cherry and Pear
SEED APPLE, CHERRY,
PEAR, (French, Chinese)

GET THE BEST FROM

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Soil Conditions for Nursery Stock

Selecting Land, Lime and Fertilizers, Drainage and Irrigation, Tillage and Humus, Soil Acidity Surveys, Special Problems. Ask for pamphlet describing service.

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Twice-a-month

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On the 1st and the 15th

AMERICAN NURSERYMAN
NURSERY TRADE BULLETIN

The Round Table

Pacific Coast Trade Conditions

Ontario, California, May 10—The past season has been one of the best that we have experienced in all lines and we think this is generally true to all California Nurseries. Commercial plantings of most deciduous fruits were far greater than the average, the biggest call being for cannery peaches of which the supply was quite inadequate. Apples and almonds were a bit slow. Grapes were cleaned up in Southern California, but there were a good many raisin grapes left unsold in the northern part of the state.

The supply of citrus trees in Southern California was very limited and they were all taken early in the season. Avocado plantings attained considerable importance this season in this part of the state also.

From present indications there will be no diminution in planting next year and the demand will probably be along much the same lines, though this will no doubt be influenced by the prices received for the coming summer's fruit crops. The supply of trees, particularly peaches will be larger and more nearly equal to the demand.

Due to the enormous amount of building around Los Angeles, ornamentals have sold well this spring and good stock has gone rapidly. California roses are in greater demand than ever by the wholesale trade in the East and Middle West and there is a large increase in the number available for next year.

ARMSTRONG NURSERIES

Strong Demand in the Northwest

Portland, Ore., Apr. 26—The season has been the busiest ever. Our March bank deposits were almost double what they were in March 1922. Have not had time to check out for the season, but healthy bank deposits are a good indication of a very fine season's business.

Fruit stocks have not been in as heavy demand as in former years, but home-building has been very heavy in the Pacific Northwest, and especially in and about Portland. The demand for ornamental stock is quite satisfactory. There is no surplus in any line, but a decided shortage in some of the items that we used largely in this vicinity, but we have other things to take their place, and there is no real difficulty on account of shortages. Prospects for next season are most excellent, as building continues, and there will be lots of demand for general Nursery stock.

J. B. PILKINGTON

Conditions In Oregon

Editor American Nurseryman:

Our past season has been a little ahead of the previous year. The demand has been good for most lines of Nursery stock except apple which have been carried over for two-year-olds, something we have not done to any extent for several years. All other lines have cleaned up well and at good prices.

In looking over the situation here that confronts us, we do not think there will be any reduction of prices; in fact do not see how this will be possible in view of the continued high cost of all supplies and the strong labor market. The outlook is good so far as growing stock is concerned, in most instances, with good prospects for sales. The northwest has the promise of a very heavy fruit crop this season which if moved at remunerative prices to the producer will stimulate planting.

MILTON NURSERY COMPANY.

Milton, Ore.

C. D. Hobbs, Sec'y.

May 22, 1923.

The Labor Problem

The American Farm Bureau Federation has just completed a survey of the farm labor situation. Compilations of replies received to a questionnaire sent to the state Farm Bureau secretaries show that there is a definite labor shortage in Alabama, California, Colorado, Illinois, Iowa, Louisiana, Maine, Maryland, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Rhode Island, South Dakota, Vermont, Washington. There is no shortage of farm labor in Kansas, Kentucky, New Mexico and Texas.

In Colorado, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Missouri, Nebraska, New Mexico, New York, North Carolina, North Dakota, Ohio, Rhode Island, South Dakota, Texas, Vermont and Washington, the farmer is adjusting his operations so that all the work can be done by himself and family. In California and Illinois this cannot be done, according to the reports from these states.

Illinois, Kansas, Maine, Maryland, Michigan, Minnesota, New Mexico, North Dakota, Ohio, Rhode Island and South Dakota, say that the shortage in farm labor will result in reduction in production while in Alabama, California, Colorado, Iowa, Kentucky, Louisiana, Missouri, New York, North Carolina, Texas, Vermont and Washington no reduction is anticipated.

Wages are tending higher in the following states: California, Colorado, Illinois, Iowa, Kansas, Maine, Maryland, Missouri, Nebraska, New Mexico, New York, North Dakota, Ohio, Rhode Island, South Dakota, Virginia and Washington.

State Farm Bureau secretaries were unanimous in their opinion that agriculture should not attempt to bid against industry for labor at present wage rates and present prices of farm products.

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If you missed getting your adv. in the current issue of American Nurseryman send your copy for the mid-month AMERICAN NURSERY TRADE BULLETIN.

SCIENTIFIC SELECTION OF TREE SEEDS — IS IT WORTH THE TROUBLE?

By A. LA FORGE, NEWCASTLE, CALIFORNIA

If artificial selection of seeds, of buds and roots had never been practiced, what would the fruit industry be like today? What would our vegetables look like? What would our wheat production be? Everybody knows the answer. Most of our fruits would be the size of prunelles; our vegetables would look like many weeds we see by the roadside, hardly worth any care; our grains would be like they were before the days of Zarathustra, wheat a scanty, scrubby, hirsute gramineous plant.

Was the improvement entirely a product of natural evolution? Certainly not. Evolution is a slow, extremely slow process. Nature, we believe, has a hand in the betterment of things, but without the co-operation of her best achievement, man, this "transitory expression of cosmos" progress in the vegetable and animal kingdom would hardly be noticeable in a thousand generations.

It is certain that all plants and fruits useful to man have been selected by man, for their better characteristics, during many thousands of years. No peach could have been found in the gardens of Aiyahita weighing a pound; and even more recently Charinos, father of Eschine, never complained that the hogs brought to him were all far below the 1000-lb. mark. What has been done in early civilization with plants and animals will probably some day, and to a greater degree of efficiency, be applied to human beings. Even morales are changing like everything else.

We have the laws of differentiation and transformation because of the absolute necessity of individualism. No two things are alike in nature, and not a single thing remains the same for a second; a correct definition, in the absolute sense, of any one thing, is therefore impossible. Individuality is noticeable in every plant, in every stone as well as in every man; in fact, without it, could life exist?

If all is constantly changing, and if man can materially assist in the process, is it preferable to have change for the worst or for the better? In other words, shall we seek regress instead of progress?

We could go farther on this interesting subject, but to stay in the limits assigned to this publication, this other question may be asked: Are American horticulturists in general, and American Nurserymen in particular, on the right road as regards selection of buds and seeds?

Last year Professor L. W. Howard, chief pomologist at Davis, California, was sent to Europe for the purpose of investigating the seed situation, and, in a recent letter to the writer he said that England, as far as he was aware, is taking greater care as regards

quality of seeds and buds than any other country. Planters, said he, are willing to pay the price in order to be sure to get good trees, and he added: "To my sorrow, the American public has not yet risen to that level."

This college man found out that most of our seed coming from Europe is badly mixed, and apparently our Nurserymen are satisfied. This satisfaction also will change, it must change—for the better.

A good remark also from Professor Howard is that "planters pay enough for their trees to have them selected and pedigreed;" and on this question probably all reasonable members of the Nursery trade will agree.

We have bud selection associations, which shows good intention, but the real work is yet to be done; we might say that Nurserymen are just coming to the right road, and certainly they are not coming in very strong, for vegetables, and buds for fruit trees. Why not select seed for root-stocks? As it is now, a large percentage of the trees planted should rather be burned at the Nursery.

The writer experimented with walnuts and peach stones and found that the heaviest seeds produced the largest trees. The selected peach trees had developed to an average of 1½ inches at the end of the second season, a few trees measured about 2½ inches, while the average for the unselected, in the same row, was certainly much below one inch.

When we begin to sell selected and pedigreed trees, instead of listing, for instance "Bartlett on French" we shall put it "Bartlett (state selected bud, tree No. 123) on selected crasseau root, from certified seed No. 456, grown at La Ferme, France."

Some day, it is to be hoped, a system will be evolved by which all the best trees will be located and numbered, the buds from these trees distributed, either by state agents or any other agency that will be a guaranty to the planters. The same may be practical for wild trees in foreign lands, but at least the seed could be selected, by gravity or otherwise, and also examined and certified. What have you to say, gentlemen?

J. E. Ilgenfritz' Sons Co., Monroe, Mich., had more business this spring than it could handle. The W. & T. Smith Co., Geneva, N. Y.; the Huntsville Wholesale Nurseries, Huntsville, Ala.; C. M. Hobbs & Sons, Bridgeport, Ind., join with practically all the other prominent concerns in declaring that the season's business was very heavy and that fall prospects are very promising.

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TREE SEEDS

Send for catalog listing Tree, Shrub, Perennial and Evergreen Seed. Collected from all parts of the world.

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POSITION WANTED

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A young married man as Sales Manager and Correspondence Clerk. A good knowledge of the nursery business. Ten years experience. Good references. Address W. H. C., care American Nurseryman.

FOR SALE—Well Established Nursery. 25 acres, 2 houses, large stock of Evergreens. Well stocked. On main highway between N. Y. and Bridgeport, Conn. Done a business of \$10,000 in past six weeks. Reason for selling, on account of old age. Price \$30,000. Not less than \$12,000 cash, balance can remain on mortgage. No agents need reply. P. O. Box 103, Fairfield, Conn.

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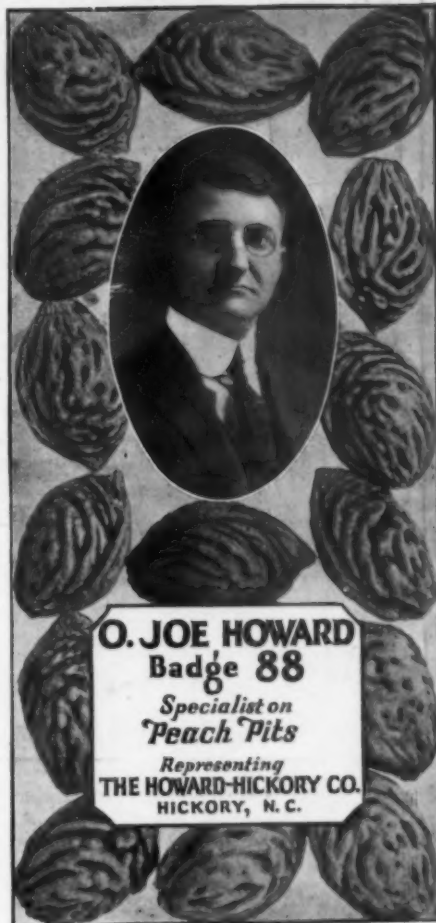
Lists New Fruits For New York

Under the title of New or Noteworthy Fruits, Dr. U. P. Hedrick, Horticulturist at the New York Agricultural Experiment Station at Geneva, has just issued a new bulletin describing some of the more promising new varieties of fruits tested out on the Station grounds. Four new varieties of apples, one new variety each of pear, peach, cherry, and nectarine, seven new kinds of grapes, three new raspberries, and three new strawberries are described in the bulletin. Several of the new fruits are illustrated, some in colors. The bulletin is now available for free distribution to those who will address a request for it to the Station at Geneva.

STATION CANNOT SUPPLY STOCK

"This Station makes an effort to test every new fruit offered by American Nurserymen which seems suited to the soil and climate of New York," says Dr. Hedrick. "The Station is also attempting to breed new varieties of all hardy fruits, and, from time to time, these new fruits are described in special bulletins, such as the one referred to above.

"It must be said at once, however, to prevent futile inquiry, that plants, cuttings, or scions of these new fruits cannot be obtained from the Station. All varieties originating on the Station grounds are distributed at about the cost of production by the New York State Fruit Testing Co-operative Association, Inc., the Secretary of which can be reached by addressing communications to the Association in the care of the Experiment Station. However, the stock of most of these new fruits is quite limited. In the case of fruits which have been developed elsewhere and found suited to New York conditions in the Station tests, stock should be purchased direct from the originator whenever possible."



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